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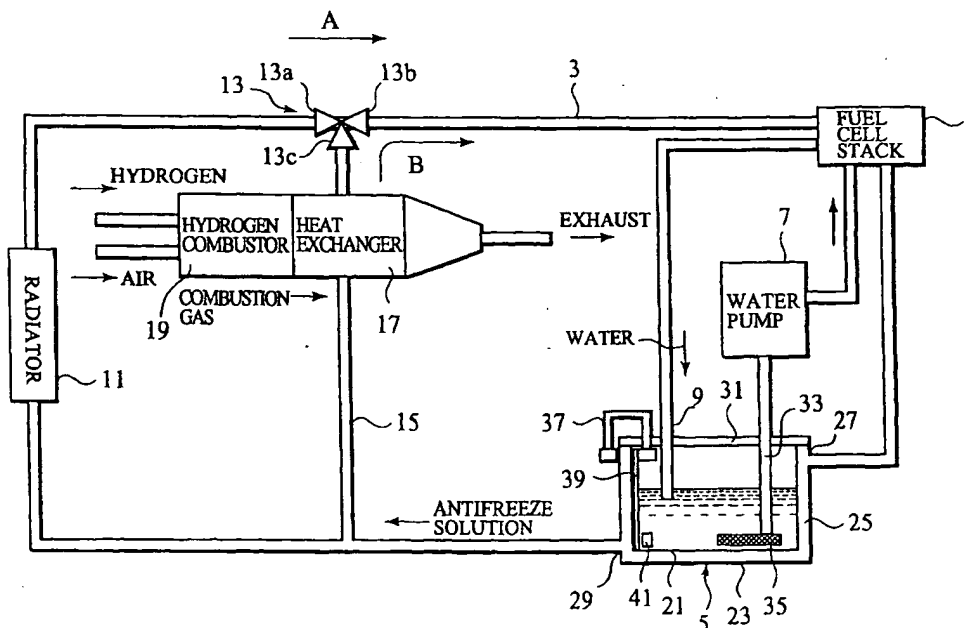
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(54) Title: FUEL CELL DEVICE AND RELATED CONTROL METHOD



(57) Abstract: A fuel cell device and related control method are disclosed wherein a water tank 5 is disposed downstream of a fuel cell stack 1 and a hot medium flow passage 25 is formed on an outer periphery of the water tank 5 to pass antifreeze solution. During cold start-up, a three-way valve 13 is switched over to allow antifreeze solution to flow through the fuel cell stack 1 and a heat exchanger 17, by which antifreeze solution is heated and supplied to the fuel cell stack 1 and the water tank 5 to heat these components, whereby the water tank 5 is heated to thaw frozen ice.

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